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Effective on 12/08/2004. Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818). FEE TRANSMITTAL For FY 2009		Complete if Known Application Number 10/582,174-Conf. #8923 Filing Date June 8, 2006 First Named Inventor Keiichi FUJIWARA Examiner Name G. G. Huang Art Unit 1612	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Attorney Docket No. 0020-5490PUS1	
TOTAL AMOUNT OF PAYMENT (\$) 1,318.00			

METHOD OF PAYMENT (check all that apply)	
<input type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> None <input type="checkbox"/> Other (please identify): _____	
<input checked="" type="checkbox"/> Deposit Account Deposit Account Number: 02-2448 Deposit Account Name: Birch, Stewart, Kolasch & Birch, LLP	
For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)	
<input checked="" type="checkbox"/> Charge fee(s) indicated below <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee	
<input checked="" type="checkbox"/> Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 <input checked="" type="checkbox"/> Credit any overpayments	

FEE CALCULATION							
1. BASIC FILING, SEARCH, AND EXAMINATION FEES							
	FILING FEES		SEARCH FEES		EXAMINATION FEES		
		<u>Small Entity</u>		<u>Small Entity</u>		<u>Small Entity</u>	
Application Type	Fee (\$)	Fee (\$)	Fee (\$)	Fee (\$)	Fee (\$)	Fee (\$)	Fees Paid (\$)
Utility	330	165	540	270	220	110	
Design	220	110	100	50	140	70	
Plant	220	110	330	165	170	85	
Reissue	330	165	540	270	650	325	
Provisional	220	110	0	0	0	0	
2. EXCESS CLAIM FEES							
						<u>Small Entity</u>	
Fee Description						Fee (\$)	Fee (\$)
Each claim over 20 (including Reissues)						52	26
Each independent claim over 3 (including Reissues)						220	110
Multiple dependent claims						390	195
Total Claims		Extra Claims		Fee (\$)		Fee Paid (\$)	
26 - 22 or HP		4		x 52.00 =		208.00	
Indep. Claims		Extra Claims		Fee (\$)		Fee Paid (\$)	
2 - 3 or HP =		0		x 220.00 =		0.00	
HP = highest number of total claims paid for, if greater than 20. HP = highest number of independent claims paid for, if greater than 3.							
3. APPLICATION SIZE FEE							
If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$270 (\$135 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).							
Total Sheets		Extra Sheets		Number of each additional 50 or fraction thereof		Fee (\$)	
- 100 =		/50 =		(round up to a whole number) x		=	
4. OTHER FEE(S)							
Non-English Specification, \$130 fee (no small entity discount)						Fees Paid (\$)	
Other (e.g., late filing surcharge): 1253 Extension for response within third month						1,110.00	

SUBMITTED BY			
Signature		Registration No. (Attorney/Agent)	36,623
Name (Print/Type)	Mark J. Nuell, Ph.D.	Telephone	(858) 792-8855
		Date	February 18, 2010